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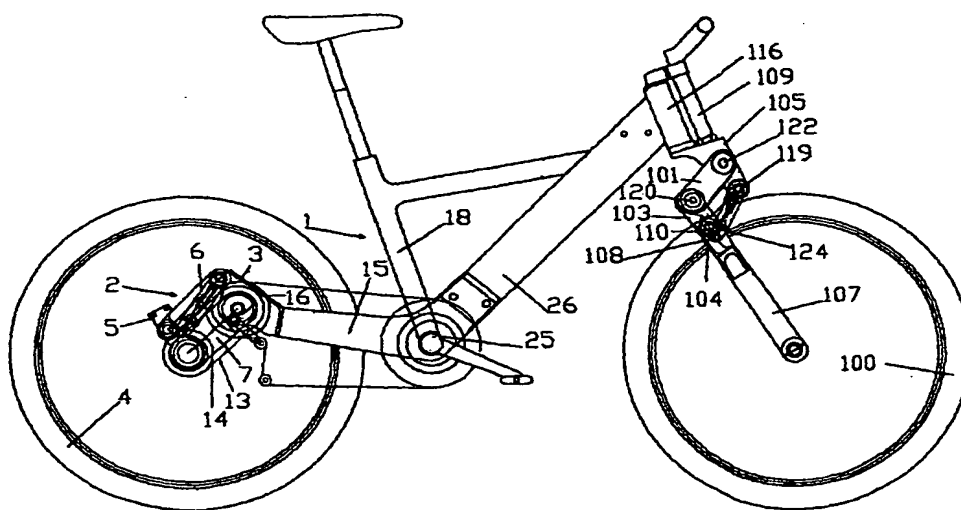
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(54) Title: **ALL-SUSPENSION BICYCLE FRAME WITH ISOLATED DRIVE GEAR**



(57) Abstract: A frame construction for a two-wheeled vehicle, preferably a bicycle, exhibits a front fork (107) and/or rear chainstays (15) with suspension devices (101, 102, 112; 2) with a parallelogram structure. The suspension devices are equipped with means (108, 110; 8, 9, 19) for adjustable setting of effective spring stiffness. The fork and chainstays are preferably of the one-legged, one-sided type, i.e. equipped with but one fork leg (107; 15). Power transmission to the rear wheel (4) is effected via an extra chain (13) from the freewheel (16) at the end of the chainstays (15), to a cogwheel (14) on the wheel hub.